

CLAIMS

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1. Self-locking fastening device comprising a screw or nut for fastening at least a first member on another member, wherein the fastening device is having a washer (10, 10') provided with a central bore hole (11, 11') which on its both surfaces is provided with means (12, 14; 12', 14') which are fixed within or to the surfaces of the first member and the screw or nut which no later than the time that the fastening device is tightened such that a self-actuated unscrewing is prevented, **characterized in** that the shim (10, 10') is configured in a resilient manner such that said shim can be compressed counter to the resilience thereof during the tightening of the fastening device.

2. Fastening device according to claim 1, characterized in that the shim (10, 10') is cambered, wherein the concave side is facing the member and the convex side is facing the screw head or the nut, respectively.

3. Fastening device according to claim 2, characterized in that the shim (10') only at its outer marginal area is cambered in a radial direction while the inner area is flat.

4. Fastening device according to claim 3, characterized in that the cambered exterior marginal area is only extending over the half width of the shim (10') between the inner bore hole (11') and the exterior margin.

5. Fastening device according to any of the claims 1 to 4, characterized in that as means for preventing a self-actuated untightening there are provided rib profiles (12, 14; 12', 14').

6. Fastening device according to claim 5, characterized in that the rib profiles (12, 14; 12', 14') on the surface fac-

ing the nut or screw are provided in the inner area close to the bore hole (11, 11') and the side facing the member are provided in the exterior area close to the exterior margin.

- .5 7. Fastening device according to claim 6, characterized in that the rib profiles are extending over each the half up to two thirds of the radial width of the shim.

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